

## Scientific and Technical Information Center

## SEARCH REQUEST FORM

Date: 11/9/01 Requester's Full Name: DAVID LUKTON Examiner #: 71263  
 Art Unit: 1653 Phone (308) 3213 Serial Number: 09/492392  
 Results Format Preferred (circle): PAPER DISK E-MAIL

\*\*\*\*\*

**Mailbox room:** 9B01 **Exr room:** 9B05

**Title:** Streptogramins, their preparation and compositions containing them

**Applicants:** COMMERCON, ALAIN; BOUCHARD, HERVE; RIBEILL, YVES;  
 BACQUE, ERIC; RONAN, BAPTISTE; BARRIERE, JEAN-CLAUDE;  
 PUCHAULT, GERARD; TERRIER, CORINNE

**Earliest Priority Date:** 7/28/97

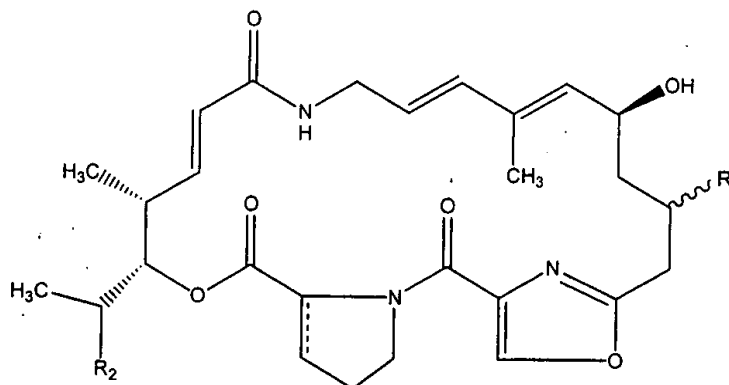
\*\*\*\*\*

Applicants are claiming the compounds below. (The dotted line in the five-membered ring signifies a single or double bond).

$R^1$  is  $-NH-R^3$ , wherein  $R^3$  can be anything

$R^2$  is hydrogen or methyl

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 Online Time:                     

## Type of Search

           NA Sequence (#)  
           AA Sequence (#)  
           Structure (#)  
           Bibliographic  
           Litigation  
           Fulltext  
           Other

## Vendors and Cost

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           Questel/Orbit            Dr.Link  
           Lexis/Nexis            Westlaw  
           WWW/Internet  
           In-house sequence systems (list)  
           Other (specify)

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FILE 'HCAPLUS' ENTERED AT 16:29:29 ON 16 NOV 2001

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FILE COVERS 1947 - 16 Nov 2001 VOL 135 ISS 22

FILE LAST UPDATED: 15 Nov 2001 (20011115/ED)

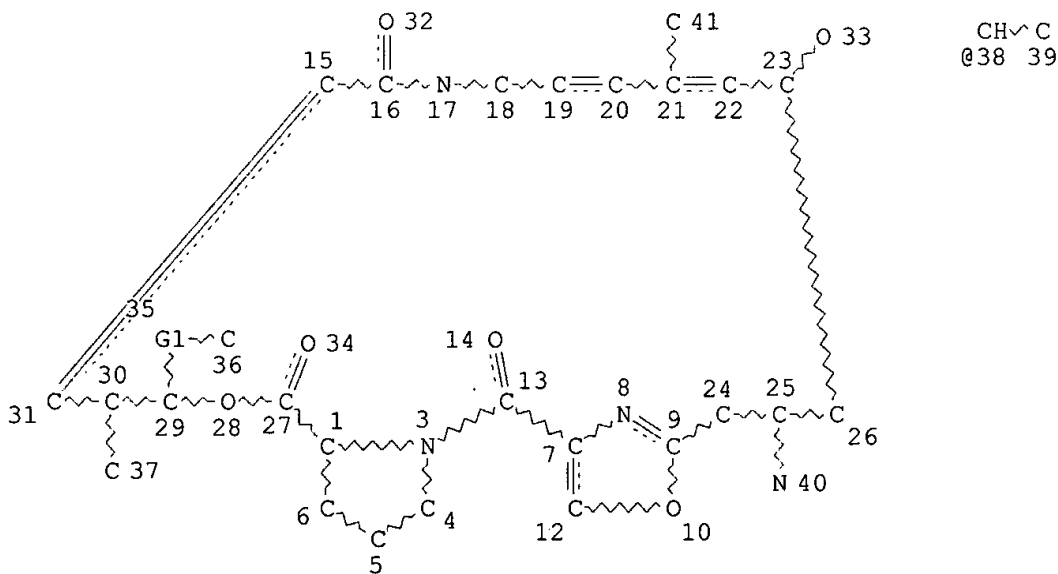
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L3 STR



VAR G1=CH2/38

NODE ATTRIBUTES:

NSPEC IS RC AT 40

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES: .

RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 39

STEREO ATTRIBUTES: NONE

L5 34 SEA FILE=REGISTRY SSS FUL L3  
L6 4 SEA FILE=HCAPLUS ABB=ON PLU=ON L5

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=> d ibib abs hitrn l6

L6 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 2001:31528 HCAPLUS

DOCUMENT NUMBER: 134:100704

TITLE: Preparation of streptogramin derivatives and compositions containing them

INVENTOR(S): Achard, Daniel; Bacque, Eric; Barriere, Jean-Claude; Bouquerel, Jean; Desmazeau, Pascal; Grisoni, Serge; Leconte, Jean-Pierre; Ribeill, Yves; Ronan, Baptiste

PATENT ASSIGNEE(S): Aventis Pharma S.A., Fr.

SOURCE: PCT Int. Appl., 128 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

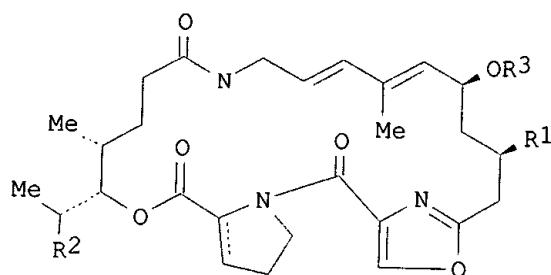
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001002427	A1	20010111	WO 2000-FR1818	20000629
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
FR 2795733	A1	20010105	FR 1999-8375	19990630
FR 2795733	B1	20010907		

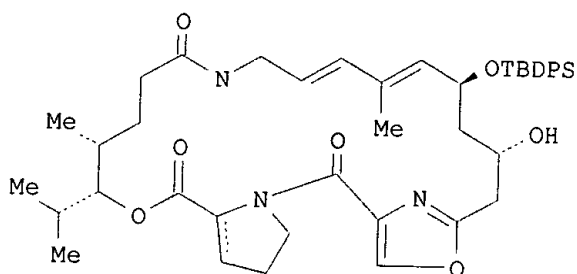
PRIORITY APPLN. INFO.: FR 1999-8375 A 19990630

OTHER SOURCE(S): MARPAT 134:100704

GI



I



II

AB The invention concerns streptogramin group A derivs. I [R1 = halogen, azide, thiocyanato radical; R2 = H, Me, Et; R3 = H, (un)substituted aliph., cycloaliph., arom., araliph., heterocyclic or heterocyclaliph. ester; dotted bond = single bond (stereochem. 27R) or a double bond] and their salts when they exist. Thus, I (R1 = F, R2 = Me, R3 = H; dotted line = single bond) was prepd. via fluorination of alc. II (TBDPS = SiPh2CMe3) with diethylaminosulfur trifluoride in CH2Cl2 followed by desilylation with tetrabutylammonium fluoride in THF. I are useful as antibacterial agents.

IT **318498-82-7P**, (16R)-16-Azido-16-desoxopristinamycin IIB  
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of streptogramin group A and B derivs. and compns. contg. them)

REFERENCE COUNT: 2

REFERENCE(S):

- (1) Bacques, E; WO 9905165 A 1999 HCAPLUS
- (2) Cocito, C; WO 8903843 A 1989 HCAPLUS

=> d ibib abs hitrn 16 2-4

L6 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1999:96262 HCAPLUS

DOCUMENT NUMBER: 130:125404

TITLE:

INVENTOR(S):

Preparation of streptogramines as antibacterial agents  
 Commercon, Alain; Bouchard, Herve; Ribeill, Yves;  
 Bacques, Eric; Ronan, Baptiste; Barriere, Jean-Claude;  
 Puchault, Gerard; Terrier, Corinne

PATENT ASSIGNEE(S):

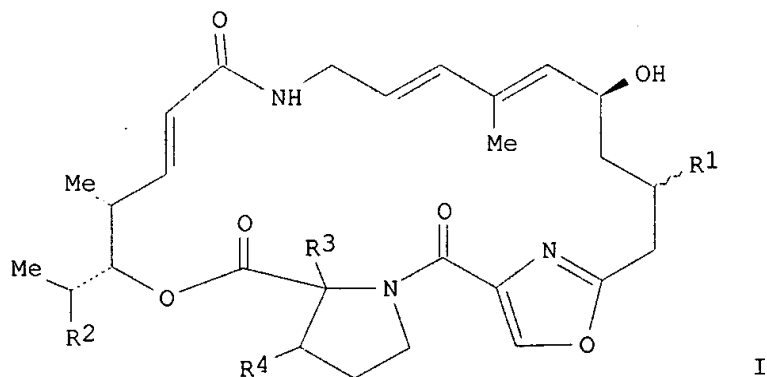
SOURCE:

Rhone-Poulenc Rorer S.A., Fr.

PCT Int. Appl., 48 pp.

CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9905165	A1	19990204	WO 1998-FR1639	19980724
W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2766489	A1	19990129	FR 1997-9557	19970728
FR 2766489	B1	19990827		
AU 9888677	A1	19990216	AU 1998-88677	19980724
EP 989994	A1	20000405	EP 1998-940328	19980724
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
BR 9811054	A	20000905	BR 1998-11054	19980724
JP 2001510849	T2	20010807	JP 2000-504158	19980724
ZA 9806730	A	19990202	ZA 1998-6730	19980728
NO 2000000424	A	20000127	NO 2000-424	20000127
PRIORITY APPLN. INFO.:			FR 1997-9557	A 19970728
			WO 1998-FR1639	W 19980724
OTHER SOURCE(S):			MARPAT 130:125404	
GI				



AB Streptogramins I (R1 = amine, heterocycle; R2 = H, Me, Et; R3 = R4 = H; R3R4 = bond) were prepd. as bactericides. Thus, (16R)-16-dimethylamino-16-deoxopristinamycin IIA was prepd. and tested in vivo for its antibacterial activity in mice against Staphylococcus aureus IP8203 25-150 mg/kg. These compds. showed weak toxicity at doses higher than 300 mg/kg.

IT 219862-06-3P 219862-08-5P 219862-10-9P  
 219862-12-1P 219862-15-4P 219862-18-7P  
 219862-20-1P 219862-22-3P 219862-26-7P  
 219862-28-9P 219862-30-3P 219862-32-5P  
 219862-34-7P 219862-36-9P 219862-38-1P  
 219862-40-5P 219862-46-1P 219862-50-7P

219862-54-1P 219862-58-5P 219862-62-1P  
219862-64-3P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of streptogramins as antibacterial agents)

IT 219862-43-8

RL: RCT (Reactant)

(prepn. of streptogramins as antibacterial agents)

IT 219862-24-5P 219862-48-3P 219862-52-9P

219862-56-3P 219862-60-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)

(prepn. of streptogramins as antibacterial agents)

REFERENCE COUNT: 2

REFERENCE(S):

(1) May & Baker Ltd; GB 2206879 A 1989 HCAPLUS

(2) Rhone Poulenc Sante; FR 2549065 A 1985 HCAPLUS

L6 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1989:554341 HCAPLUS

DOCUMENT NUMBER: 111:154341

TITLE: Carboxymethyloximation of keto substrates. A useful grafting procedure applied on virginiamycin factors A and B

AUTHOR(S): Anteunis, M. J. O.; Callens, R.; Sharma, N. K.

CORPORATE SOURCE: Lab. Org. Chem., State Univ. Ghent, Ghent, B-9000, Belg.

SOURCE: Bull. Soc. Chim. Belg. (1988), 97(3), 209-17

CODEN: BSCBAG; ISSN: 0037-9646

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 111:154341

GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Virginiamycins M1 and S1 (I and II, X = O) were converted to their corresponding carboxymethyl oximes I and II (X = NOCH<sub>2</sub>CO<sub>2</sub>H) in quant. yields. I (X = NOCH<sub>2</sub>CO<sub>2</sub>H) was further conjugated with tryptophan Me ester to obtain deriv. I (X = NOCH<sub>2</sub>CO-Trp-OMe) in high yield by using BOP-Cl as coupling reagent. The new compds. were fully characterized by IR and 1H NMR spectra. Carboxymethyloximation is thus a practical strategy for the prepn. of conjugates of biol. active kinetic substrates.

IT 122885-17-0P 122885-19-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)

(prepn. and peptide coupling of, with tryptophan Me ester)

IT 122885-18-1P 122923-03-9P

RL: SPN (Synthetic preparation); PREP (Preparation)

(prepn. of)

L6 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1988:608131 HCAPLUS

DOCUMENT NUMBER: 109:208131

TITLE: Antibacterial action of amphipathic derivatives of isoniazid against the Mycobacterium avium complex

AUTHOR(S): Rastogi, N.; Moreau, B.; Capmau, M. L.; Goh, K. S.; David, H. L.

CORPORATE SOURCE: Unite Tubercul. Mycobact., Inst. Pasteur, Paris,  
75724, Fr.  
SOURCE: Zentralbl. Bakteriол., Mikrobiol. Hyg., Ser. A (1988),  
268(4), 456-62  
CODEN: ZBMPEJ; ISSN: 0176-6724

DOCUMENT TYPE: Journal  
LANGUAGE: English

AB The antibacterial action of amphipathic derivs. of isoniazid (INH), as compared to the parent hydrophilic mol., was detd. against bacteria of the M. avium complex (MAC) using a 7H11 agar-diln. method. The results showed a higher activity of 1-isonicotinyl-2-palmitoyl hydrazine and 1-isonicotinyl-2-(12-hydroxydodecanoyl) hydrazine as compared to INH. However, when 1 mannose residue was terminally attached to the fatty acid chain of the latter, it lost its anti-MAC activity. 1-Isonicotinyl-2-D-galacturonic acid hydrazone (but not hydrazine) also showed increased activity against MAC. Although pristinamycin bound to M. avium surface lipids, the INH-pristinamycin deriv. was not more active than INH alone. These findings are discussed with respect to a proposed mechanism of diffusion across a lipid barrier.

IT 117473-06-0  
RL: BIOL (Biological study)  
(Mycobacterium avium complex sensitivity to)

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FILE COVERS 1907-1966  
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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 DICTIONARY FILE UPDATES: 14 NOV 2001 HIGHEST RN 370064-54-3

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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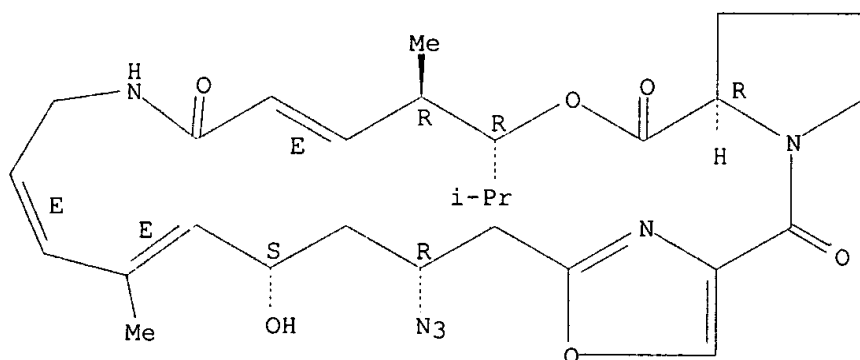
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L5 ANSWER 1 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 318498-82-7 REGISTRY  
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 1,7,22-trione, 16-azido-3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-  
 hydroxy-4,12-dimethyl-3-(1-methylethyl)-, (3R,4R,5E,10E,12E,14S,16R,26aR)-  
 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN (16R)-16-Azido-16-desoxopristinamycin IIB  
 FS STEREOSEARCH  
 MF C28 H38 N6 O6  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
 Double bond geometry as described by E or Z.



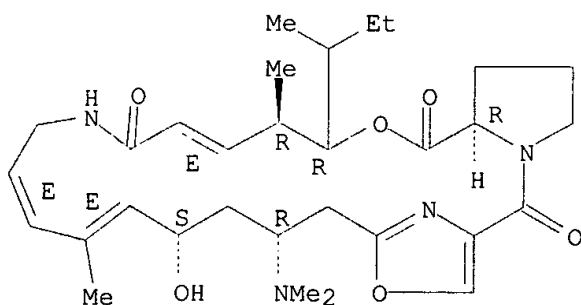
1 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:100704



L5 ANSWER 2 OF 34 REGISTRY COPYRIGHT 2001 ACS  
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 FS STEREOSEARCH  
 MF C31 H46 N4 O6  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
 Double bond geometry as described by E or Z.



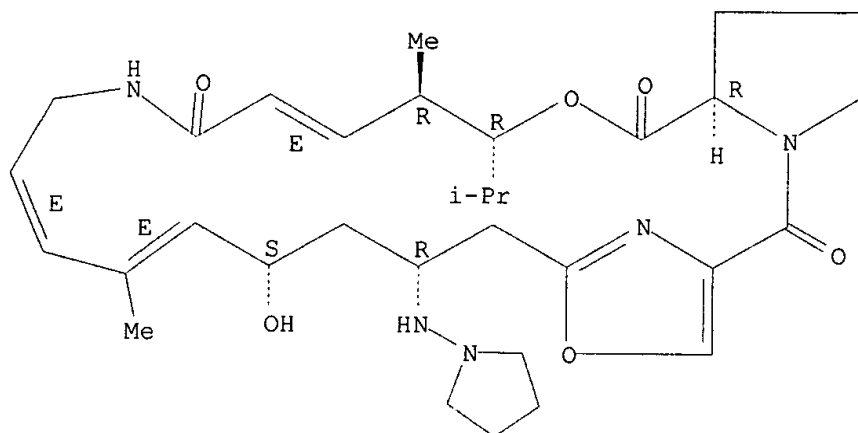
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REFERENCE 1: 130:125404

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 LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
 Double bond geometry as described by E or Z.



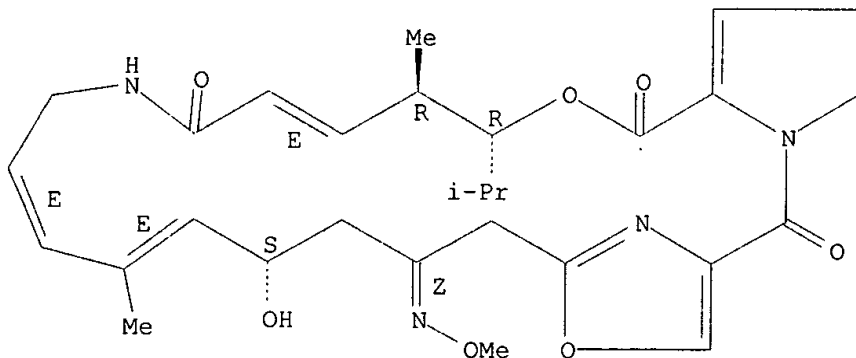
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1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

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1,7,16,22(4H,17H)-tetrone, 8,9,14,15,24,25-hexahydro-14-hydroxy-4,12-  
dimethyl-3-(1-methylethyl)-, 16-(O-methyloxime),  
(3R,4R,5E,10E,12E,14S,16Z)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C29 H38 N4 O7  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
Double bond geometry as described by E or Z.



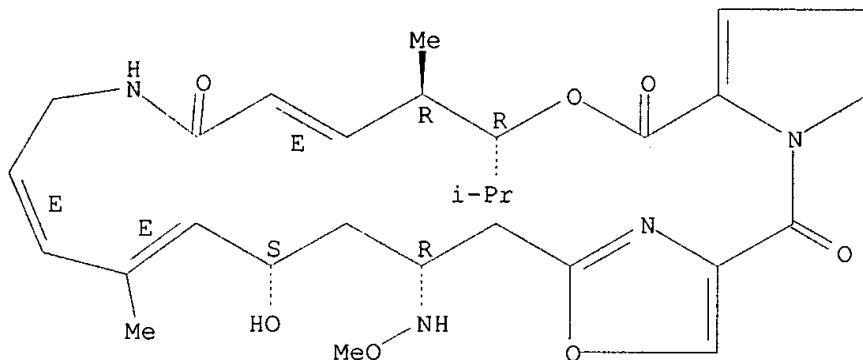
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REFERENCE 1: 130:125404

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 1,7,22-trione, 3,4,8,9,14,15,16,17,24,25-decahydro-14-hydroxy-16-  
 (methoxyamino)-4,12-dimethyl-3-(1-methylethyl)-,  
 (3R,4R,5E,10E,12E,14S,16R)- (9CI) (CA INDEX NAME)  
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 MF C29 H40 N4 O7  
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 LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
 Double bond geometry as described by E or Z.



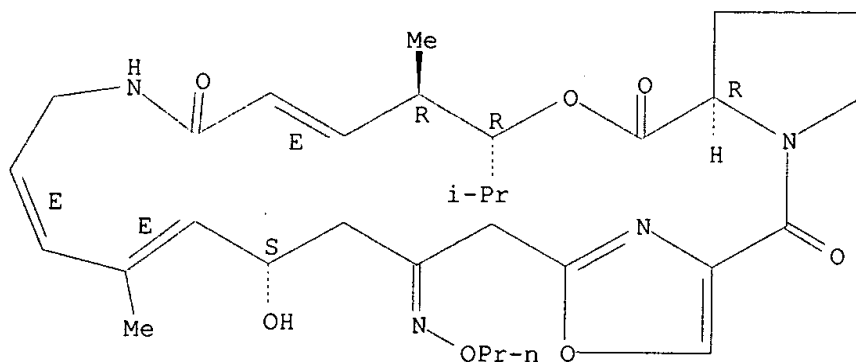
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REFERENCE 1: 130:125404

L5 ANSWER 6 OF 34 REGISTRY COPYRIGHT 2001 ACS  
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 4,12-dimethyl-3-(1-methylethyl)-, 16-(O-propyloxime),  
 (3R,4R,5E,10E,12E,14S,26aR)- (9CI) (CA INDEX NAME)  
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 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
 Double bond geometry as described by E or Z.



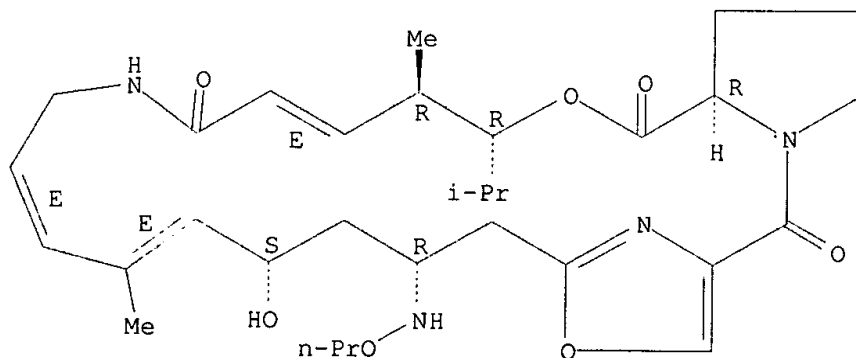
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REFERENCE 1: 130:125404

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RN 219862-54-1 REGISTRY  
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1,7,22-trione, 3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-hydroxy-  
4,12-dimethyl-3-(1-methylethyl)-16-(propoxyamino)-,  
(3R,4R,5E,10E,12E,14S,16R,26aR)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C31 H46 N4 O7  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
Double bond geometry as described by E or Z.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

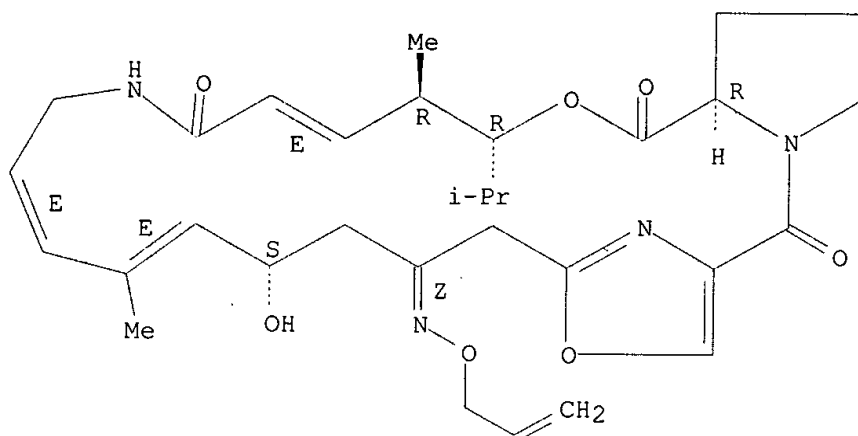
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1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 8 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 219862-52-9 REGISTRY  
 CN 3H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,16,22(4H,17H)-trione, 8,9,14,15,24,25,26,26a-octahydro-14-hydroxy-4,12-dimethyl-3-(1-methylethyl)-, 16-(O-2-propenyloxime), (3R,4R,5E,10E,12E,14S,16Z,26aR)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C31 H42 N4 O7  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

Double bond geometry as described by E or Z.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

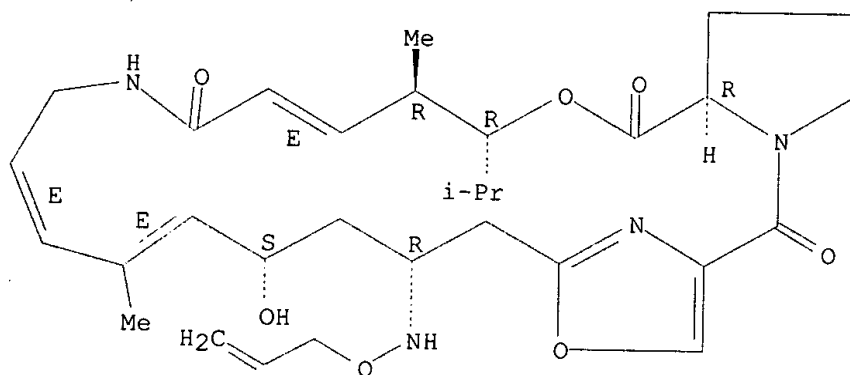
1 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 9 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 219862-50-7 REGISTRY  
 CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,22-trione, 3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-hydroxy-4,12-dimethyl-3-(1-methylethyl)-16-[(2-propenyloxy)amino]-, (3R,4R,5E,10E,12E,14S,16R,26aR)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C31 H44 N4 O7  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

Double bond geometry as described by E or Z.



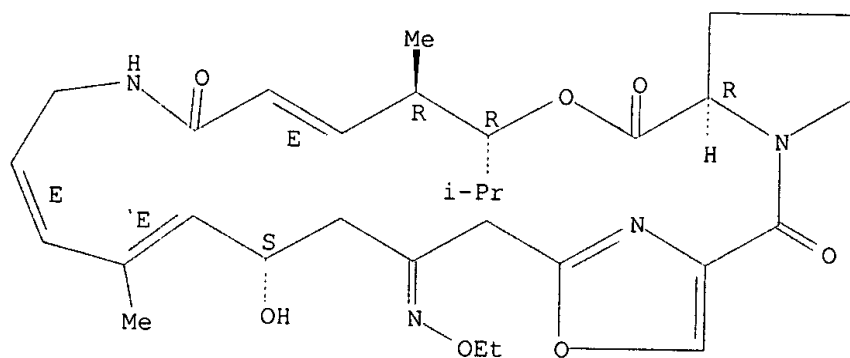
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 10 OF 34 REGISTRY COPYRIGHT 2001 ACS  
RN 219862-48-3 REGISTRY  
CN 3H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,16,22(4H,17H)-tetrone, 8,9,14,15,24,25,26,26a-octahydro-14-hydroxy-4,12-dimethyl-3-(1-methylethyl)-, 16-(O-ethylxime), (3R,4R,5E,10E,12E,14S,26aR)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C30 H42 N4 O7  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
Double bond geometry as described by E or Z.



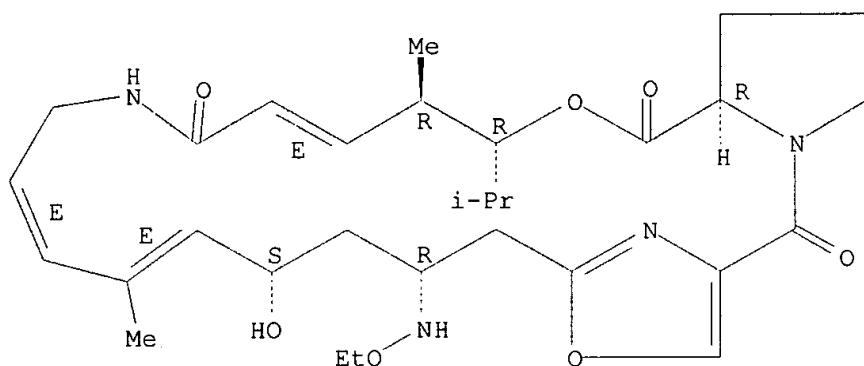
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 11 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 219862-46-1 REGISTRY  
 CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,22-trione, 16-(ethoxyamino)-3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-hydroxy-4,12-dimethyl-3-(1-methylethyl)-, (3R,4R,5E,10E,12E,14S,16R,26aR)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C30 H44 N4 O7  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
 Double bond geometry as described by E or Z.



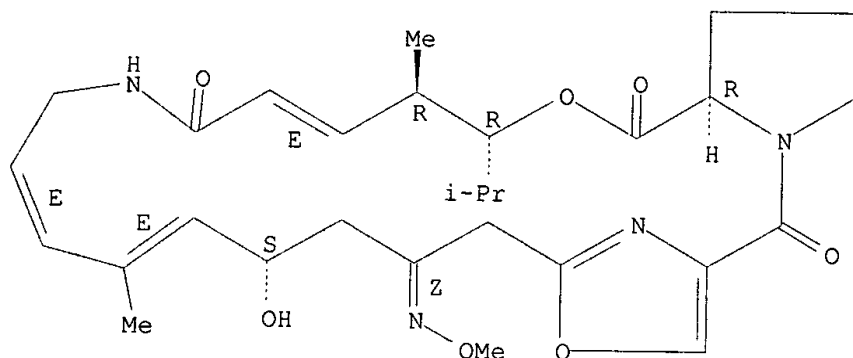
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 12 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 219862-43-8 REGISTRY  
 CN 3H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,16,22(4H,17H)-tetrone, 8,9,14,15,24,25,26,26a-octahydro-14-hydroxy-4,12-dimethyl-3-(1-methylethyl)-, 16-(O-methyloxime), (3R,4R,5E,10E,12E,14S,16Z,26aR)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C29 H40 N4 O7  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
 Double bond geometry as described by E or Z.



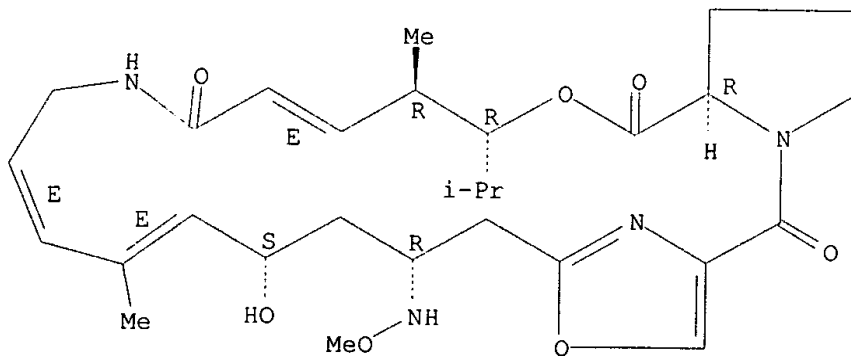
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 13 OF 34 REGISTRY COPYRIGHT 2001 ACS  
RN 219862-40-5 REGISTRY  
CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,22-trione, 3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-hydroxy-16-(methoxyamino)-4,12-dimethyl-3-(1-methylethyl)-, (3R,4R,5E,10E,12E,14S,16R,26aR)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C29 H42 N4 O7  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
Double bond geometry as described by E or Z.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

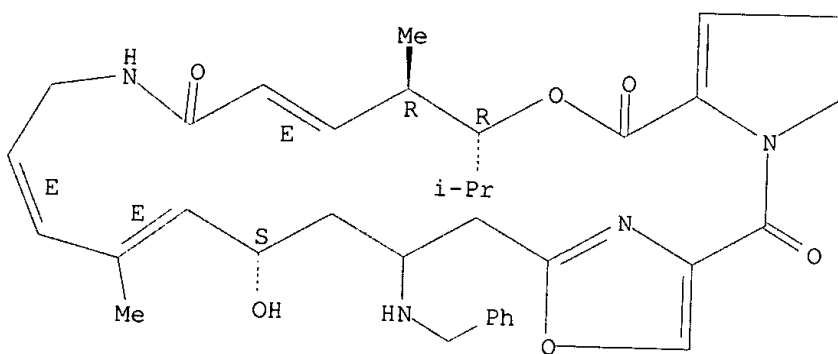


REFERENCE 1: 130:125404

L5 ANSWER 14 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 219862-38-1 REGISTRY  
 CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,22-trione, 3,4,8,9,14,15,16,17,24,25-decahydro-14-hydroxy-4,12-dimethyl-3-(1-methylethyl)-16-[(phenylmethyl)amino]-, (3R,4R,5E,10E,12E,14S)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C35 H44 N4 O6  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

Double bond geometry as described by E or Z.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

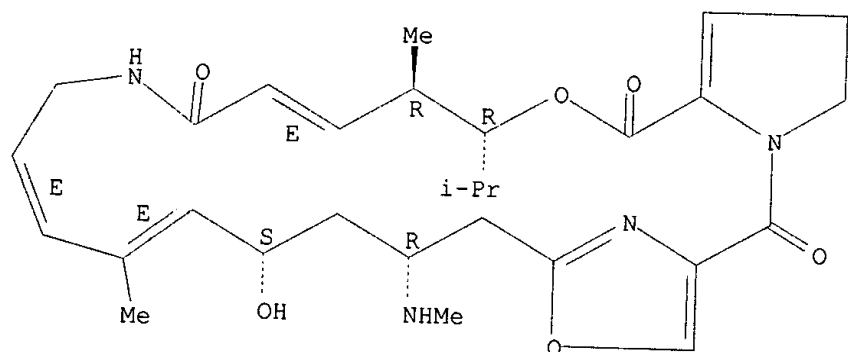
1 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 15 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 219862-36-9 REGISTRY  
 CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,22-trione, 3,4,8,9,14,15,16,17,24,25-decahydro-14-hydroxy-4,12-dimethyl-16-(methylamino)-3-(1-methylethyl)-, (3R,4R,5E,10E,12E,14S,16R)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C29 H40 N4 O6  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

Double bond geometry as described by E or Z.



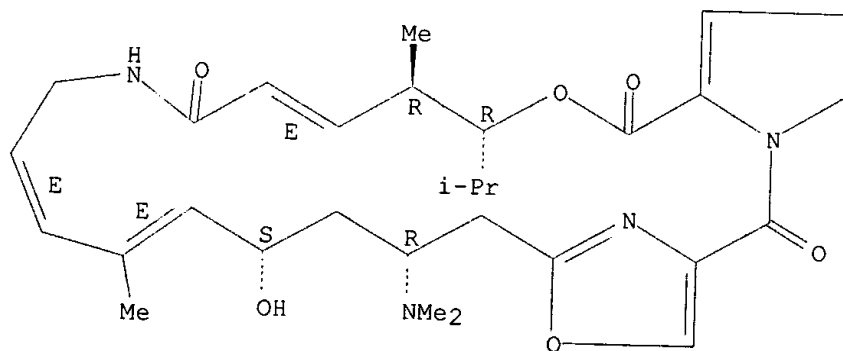
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 16 OF 34 REGISTRY COPYRIGHT 2001 ACS  
RN 219862-34-7 REGISTRY  
CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,22-trione, 16-(dimethylamino)-3,4,8,9,14,15,16,17,24,25-decahydro-14-hydroxy-4,12-dimethyl-3-(1-methylethyl)-, (3R,4R,5E,10E,12E,14S,16R)-(9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C30 H42 N4 O6  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
Double bond geometry as described by E or Z.



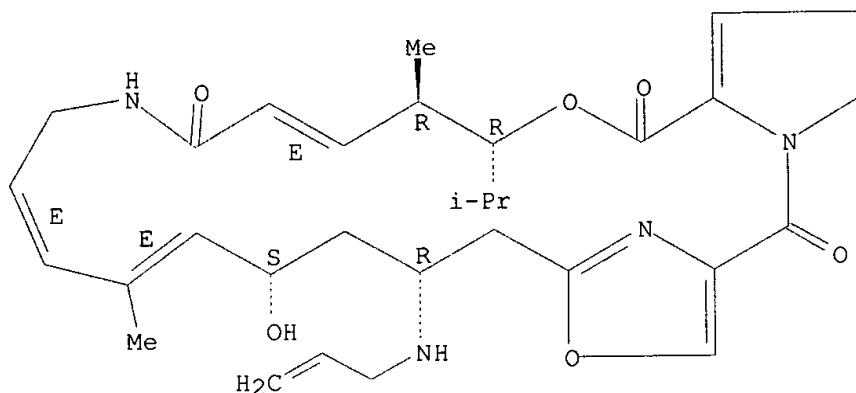
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 17 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 219862-32-5 REGISTRY  
 CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,22-trione, 3,4,8,9,14,15,16,17,24,25-decahydro-14-hydroxy-4,12-dimethyl-3-(1-methylethyl)-16-(2-propenylamino)-, (3R,4R,5E,10E,12E,14S,16R)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C31 H42 N4 O6  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
 Double bond geometry as described by E or Z.



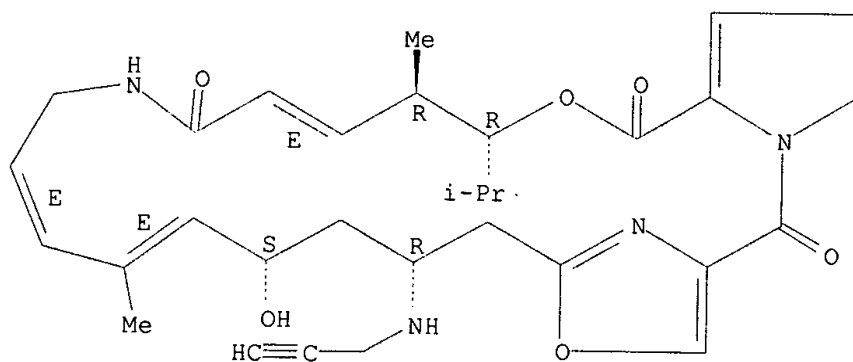
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 18 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 219862-30-3 REGISTRY  
 CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,22-trione, 3,4,8,9,14,15,16,17,24,25-decahydro-14-hydroxy-4,12-dimethyl-3-(1-methylethyl)-16-(2-propynylamino)-, (3R,4R,5E,10E,12E,14S,16R)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C31 H40 N4 O6  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
 Double bond geometry as described by E or Z.



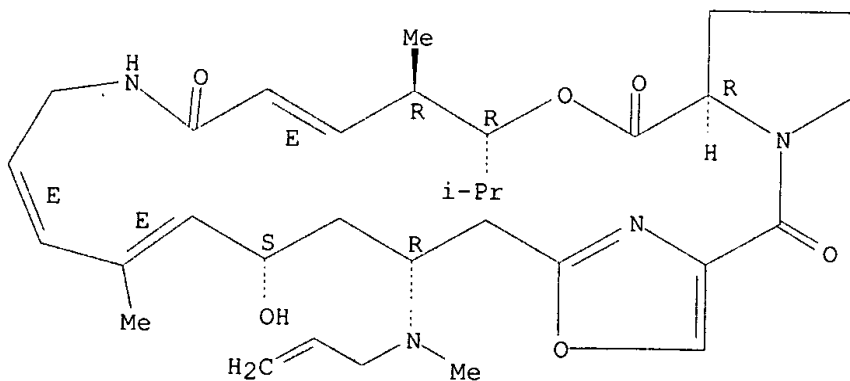
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 19 OF 34 REGISTRY COPYRIGHT 2001 ACS  
RN 219862-28-9 REGISTRY  
CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-  
1,7,22-trione, 3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-hydroxy-  
4,12-dimethyl-3-(1-methylethyl)-16-(methyl-2-propenylamino)-,  
(3R,4R,5E,10E,12E,14S,16R,26aR)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C32 H46 N4 O6  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
Double bond geometry as described by E or Z.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

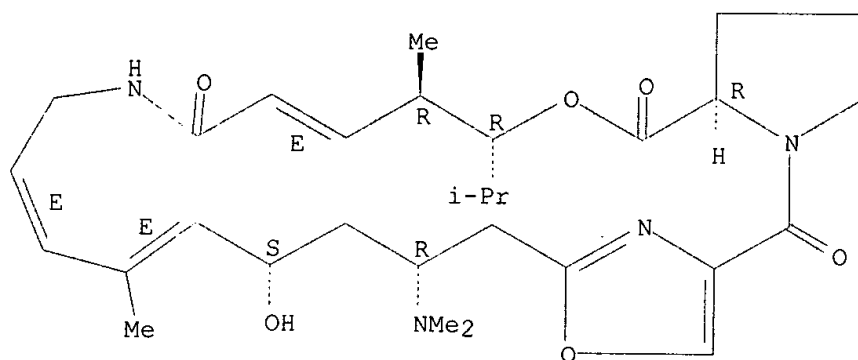
1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 20 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 219862-26-7 REGISTRY  
 CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,22-trione, 16-(dimethylamino)-3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-hydroxy-4,12-dimethyl-3-(1-methylethyl)-, (3R,4R,5E,10E,12E,14S,16R,26aR)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C30 H44 N4 O6  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

Double bond geometry as described by E or Z.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

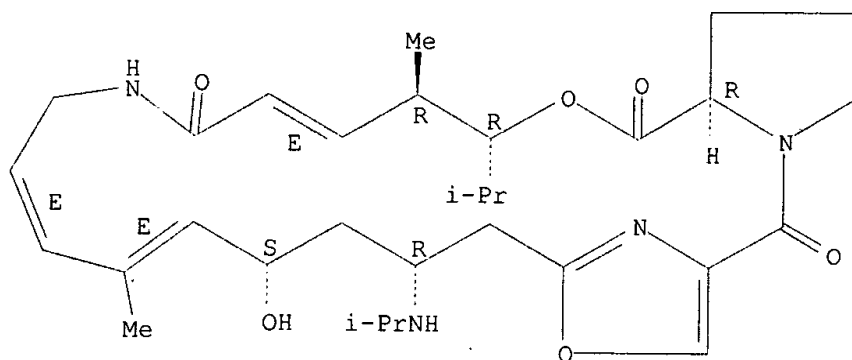
1 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 21 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 219862-24-5 REGISTRY  
 CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,22-trione, 3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-hydroxy-4,12-dimethyl-3-(1-methylethyl)-16-[(1-methylethyl)amino]-, (3R,4R,5E,10E,12E,14S,16R,26aR)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C31 H46 N4 O6  
 CI COM  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

Double bond geometry as described by E or Z.



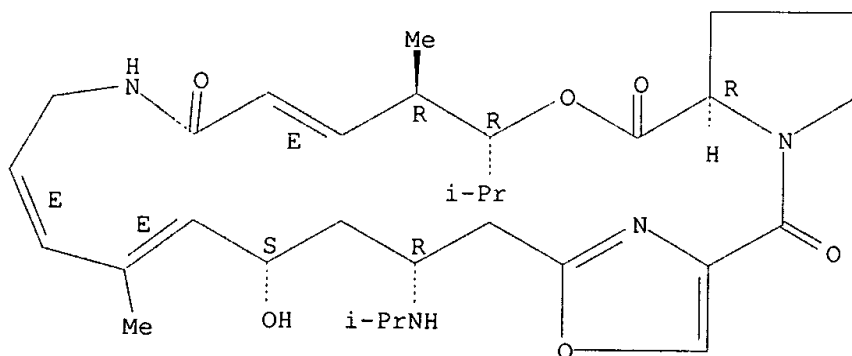
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 22 OF 34 REGISTRY COPYRIGHT 2001 ACS  
RN 219862-22-3 REGISTRY  
CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-  
1,7,22-trione, 3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-hydroxy-  
4,12-dimethyl-3-(1-methylethyl)-16-[(1-methylethyl)amino]-,  
monohydrochloride, (3R,4R,5E,10E,12E,14S,16R,26aR)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C31 H46 N4 O6 . Cl H  
SR CA  
LC STN Files: CA, CAPLUS  
CRN (219862-24-5)

Absolute stereochemistry.  
Double bond geometry as described by E or Z.



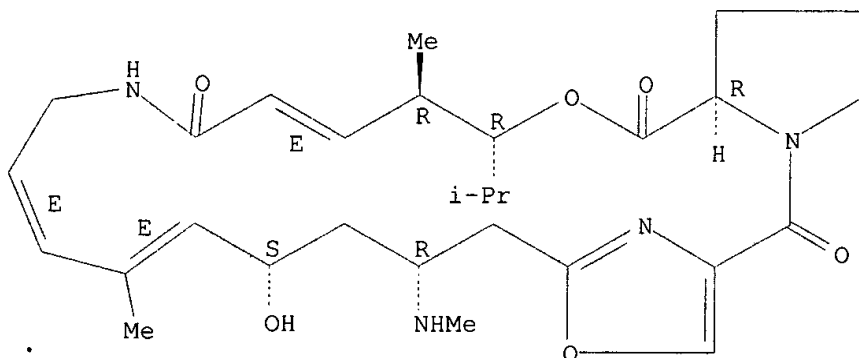
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1 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 23 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 219862-20-1 REGISTRY  
 CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-  
 1,7,22-trione, 3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-hydroxy-  
 4,12-dimethyl-16-(methylamino)-3-(1-methylethyl)-,  
 (3R,4R,5E,10E,12E,14S,16R,26aR)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C29 H42 N4 O6  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
 Double bond geometry as described by E or Z.



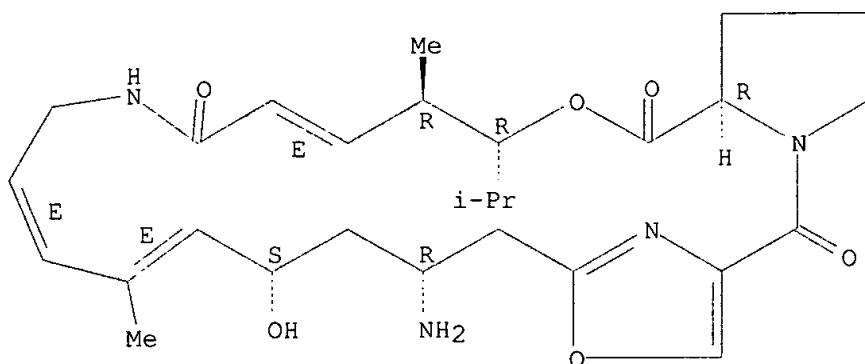
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 24 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 219862-18-7 REGISTRY  
 CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-  
 1,7,22-trione, 16-amino-3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-  
 hydroxy-4,12-dimethyl-3-(1-methylethyl)-, (3R,4R,5E,10E,12E,14S,16R,26aR)-  
 (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C28 H40 N4 O6  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
 Double bond geometry as described by E or Z.



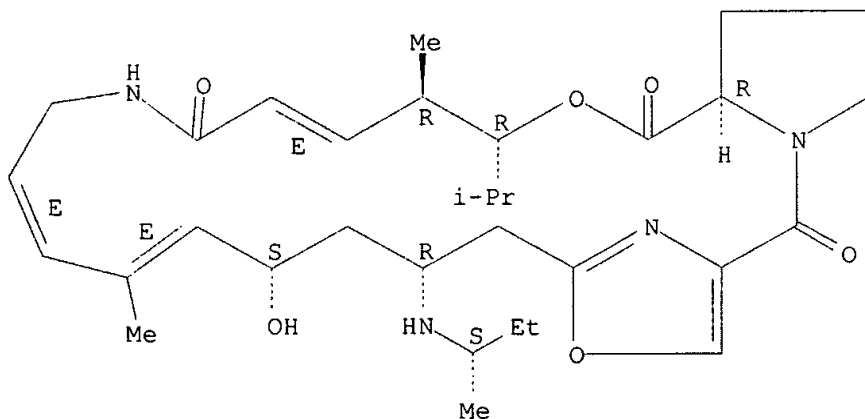
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 25 OF 34 REGISTRY COPYRIGHT 2001 ACS  
RN 219862-15-4 REGISTRY  
CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-  
1,7,22-trione, 3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-hydroxy-  
4,12-dimethyl-3-(1-methylethyl)-16-[[[1S]-1-methylpropyl]amino]-,  
(3R,4R,5E,10E,12E,14S,16R,26aR)-(9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C32 H48 N4 O6  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
Double bond geometry as described by E or Z.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)



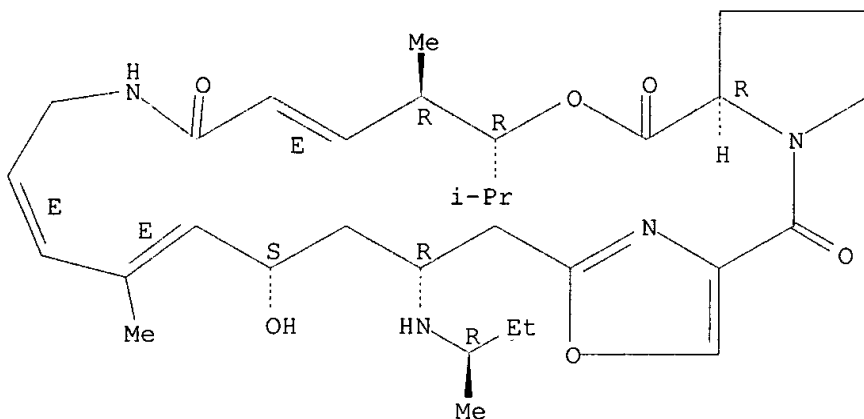
## 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 26 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 219862-12-1 REGISTRY  
 CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,22-trione, 3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-hydroxy-4,12-dimethyl-3-(1-methylethyl)-16-[[[(1R)-1-methylpropyl]amino]-, (3R,4R,5E,10E,12E,14S,16R,26aR)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C32 H48 N4 O6  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

Double bond geometry as described by E or Z.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

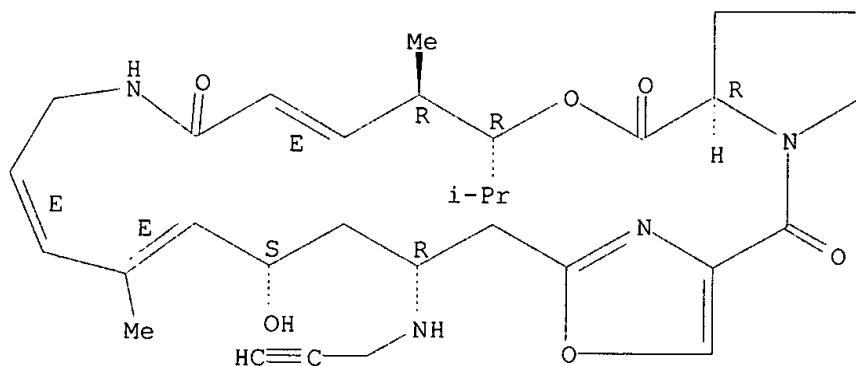
1 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 27 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 219862-10-9 REGISTRY  
 CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,22-trione, 3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-hydroxy-4,12-dimethyl-3-(1-methylethyl)-16-(2-propynylamino)-, (3R,4R,5E,10E,12E,14S,16R,26aR)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C31 H42 N4 O6  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

Double bond geometry as described by E or Z.



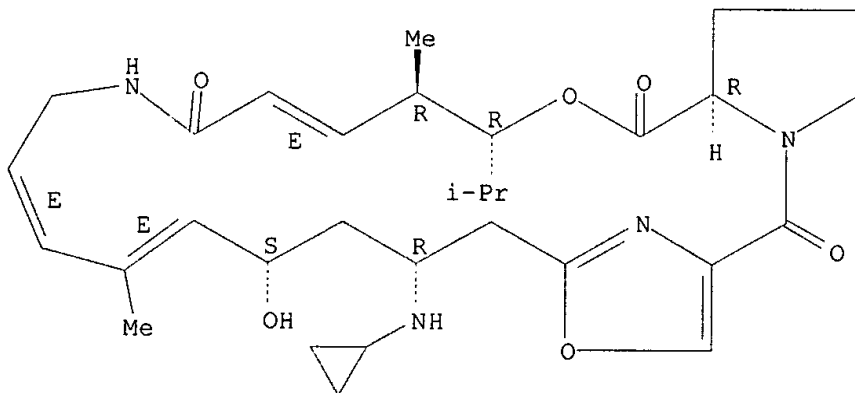
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 28 OF 34 REGISTRY COPYRIGHT 2001 ACS  
RN 219862-08-5 REGISTRY  
CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,22-trione, 16-(cyclopropylamino)-3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-hydroxy-4,12-dimethyl-3-(1-methylethyl)-, (3R,4R,5E,10E,12E,14S,16R,26aR)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C31 H44 N4 O6  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
Double bond geometry as described by E or Z.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

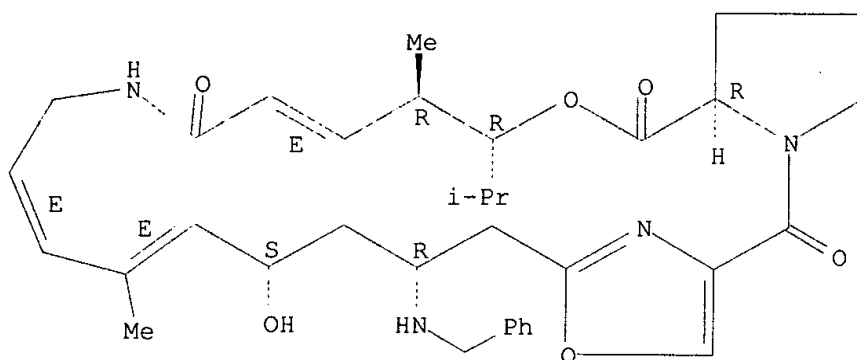
1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:125404

L5 ANSWER 29 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 219862-06-3 REGISTRY  
 CN 7H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine-1,7,22-trione, 3,4,8,9,14,15,16,17,24,25,26,26a-dodecahydro-14-hydroxy-4,12-dimethyl-3-(1-methylethyl)-16-[(phenylmethyl)amino]-, (3R,4R,5E,10E,12E,14S,16R,26aR)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C35 H46 N4 O6  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

Double bond geometry as described by E or Z.



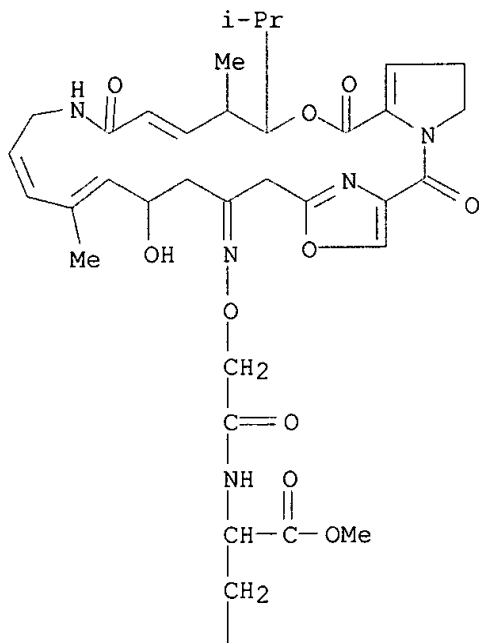
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
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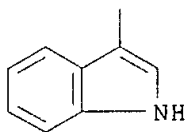
REFERENCE 1: 130:125404

L5 ANSWER 30 OF 34 REGISTRY COPYRIGHT 2001 ACS  
 RN 122923-03-9 REGISTRY  
 CN Virginiamycin M1, 16-[O-[2-[[1-(1H-indol-3-ylmethyl)-2-methoxy-2-oxoethyl]amino]-2-oxoethyl]oxime], [16Z(S)]- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 3H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine, virginiamycin M1 deriv.  
 MF C42 H50 N6 O10  
 SR CA  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT  
 (\*File contains numerically searchable property data)

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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 111:154341

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RN 122885-19-2 REGISTRY

CN Virginiamycin M1, 16-[O-(carboxymethyl)oxime], (16E)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

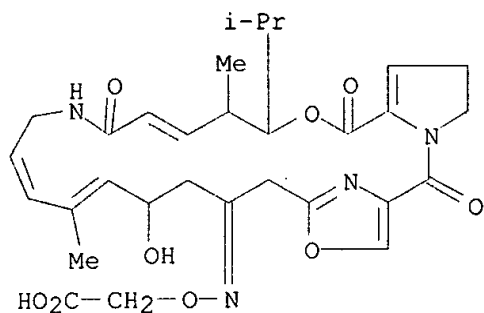
CN 3H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine, virginiamycin M1 deriv.

MF C30 H38 N4 O9

SR CA

LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT

(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 111:154341

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RN 122885-18-1 REGISTRY

CN Virginiamycin M1, 16-[O-[2-[[1-(1H-indol-3-ylmethyl)-2-methoxy-2-oxoethyl]amino]-2-oxoethyl]oxime], [16E(S)]- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

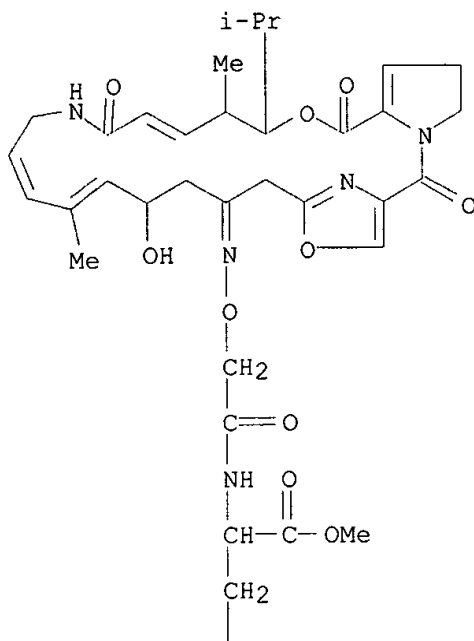
CN 3H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine, virginiamycin M1 deriv.

MF C42 H50 N6 O10

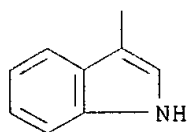
SR CA

LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT  
(\*File contains numerically searchable property data)

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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 111:154341

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RN 122885-17-0 REGISTRY

CN Virginiamycin M1, 16-[O-(carboxymethyl)oxime], (16Z)- (9CI) (CA INDEX NAME)

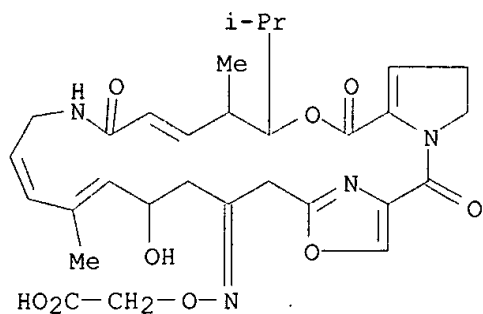
OTHER CA INDEX NAMES:

CN 3H-21,18-Nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine, virginiamycin M1 deriv.

MF C30 H38 N4 O9

SR CA

LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 111:154341

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RN 117473-06-0 REGISTRY

CN Virginiamycin M1, 16-[(4-pyridinylcarbonyl)hydrazone] (9CI) (CA INDEX NAME)

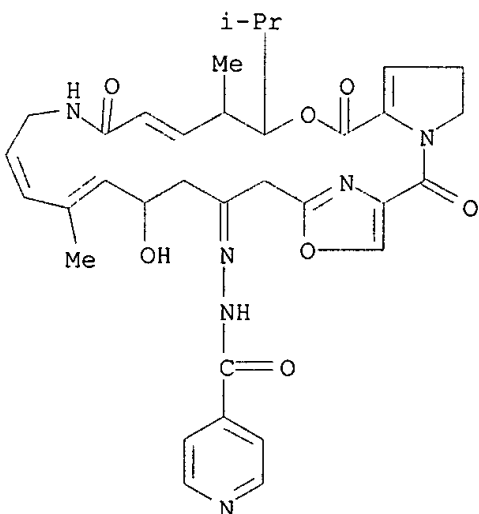
OTHER CA INDEX NAMES:

CN 3H-21,18-Nitrilo-1H,20H-pyrrolo[2,1-c][1,8,4,19]dioxadiazacyclotetracosine, virginiamycin M1 deriv.

MF C34 H40 N6 O7

SR CA

LC STN Files: CA, CAPLUS



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Lukton 09\_492392

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 109:208131

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